

19990531.qrp v01_n474.qrl.990531

Date: Mon, 31 May 1999 19:03:15 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1474

QRP-L Digest 1474

Topics covered in this issue include:

- 1) [41668] Re: 10-meter SSB rig recommendations
by Randy and Cara Randall <crrandal@seidata.com>
- 2) [41669] Your web site
by "Ian C. Purdie" <purdic@integritynet.com.au>
- 3) [41670] QRP SSB Dan's Kit
by Jim Fielden <fielden@utkux.utcc.utk.edu>
- 4) [41671] FS: 11-to-10 CB conversion
by "Frank Grigaliunas" <fgrig@iea.com>
- 5) [41672] Hack saws, Jar-jar & the lost roll of sealing tape
by Nils R Young <nilsbull@juno.com>
- 6) [41673] Flower station VE2KN
by Bruce Rattray <rattray@gpfn.sk.ca>
- 7) [41674] Re: QRP SSB Dan's Kit
by Tom M <tjmc@erols.com>
- 8) [41675] CQ WPX CW contest results
by kclark@ridgecrest.ca.us (K Clark)
- 9) [41676] Anybody got a progress note to share on their 2N2/40s yet?
by PDouglas12@aol.com
- 10) [41677] WTB Kirk castings
by K4NK@aol.com
- 11) [41678] Spring Bouquet Victory...
by Fred Lesnick <flesnick@tbaytel.net>
- 12) [41679] Help with Sinclair Duplexers
by Tim Ahrens <tahrens@hilconet.com>
- 13) [41680] Re: Anybody got a progress note to share on their 2N2/40s yet?
by "M. Monninger" <markem@primenet.com>
- 14) [41681] Re: CQ WPX CW contest results
by Jay Freeman <jayFreem@direcpc.com>
- 15) [41682] Desert Ratt detector correction
by "Paul Harden, NA5N" <na5n@rt66.com>
- 16) [41683] Update on VE3DNL Marker/Generator FSQC kit
by Jay Bromley <w5jay@alltel.net>
- 17) [41684] Hoot OWL!
by malman@world.std.com (Joel Malman)
- 18) [41685] Re: Callsign Server
by Bob Patten <n4bp@bc.seflin.org>
- 19) [41686] Red Hot Radio NorCal 20 Kits Now Available!

- by "Dave Fifield" <fifield@pacbell.net>
- 20) [41687] Desert Ratt
by Norm Melick <henmel@worldnet.att.net>
- 21) [41688] Re: Distributor of QRP-L Archive in Benelux area of Europe
by "David Reid" <dareid@Synopsys.COM>
- 22) [41689] Re: Your web site
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
- 23) [41690] Hoot Owl Sprint from SW Missouri
by "Kelly Ellison" <kelman@dialnet.net>
- 24) [41691] FS: TS-430s and AT-250
by Tom Bowman <tbowman@nbn.net>
- 25) [41692] Six Meter Beacons
by Joseph Mikuckis <k3chp@erols.com>
- 26) [41693] Re: Six Meter Beacons
by "John J. McDonough" <jjmcd@tm.net>
- 27) [41694] Re: WPE Callsigns
by Wayne A Smith <k8ff@juno.com>
- 28) [41695] Father's Day
by Jeff Gold <JGold@tntech.edu>
- 29) [41696] Re: looking for website
by K4AHK@ix.netcom.com
- 30) [41697] [Q] description of circuit for NORCAL 20?
by Ken Hopper N9VV <n9vv@hamsnet.net>
- 31) [41698] KC2 for Sale ?
by Alen Mitrovic <alen.mitrovic@hermes.si>
- 32) [41699] MFJ-9406 6M ssb info needed
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 33) [41700] ANTENNA TEST TODAY: Double Magnetic Slot
by S LYON <sslyon@worldnet.att.net>
- 34) [41701] Lack of sesitivity of old receiver
by "Fred DeVries" <fred.devries@mindspring.com>
- 35) [41702] Hootowl Sprint: N2CQ
by Ken Newman <N2CQ@citnet.com>
- 36) [41703] TNX for portable antenna answers
by Duane Alles <w9zm@yahoo.com>
- 37) [41704] Re: MFJ-9406 6M ssb info needed
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 38) [41705] Wild Rose mobile vs Rocky Rally
by Peter Larsen <larsenp@cadvision.com>
- 39) [41706] Re: Lack of sesitivity of old receiver
by Jay Freeman <jayFreem@direcpc.com>
- 40) [41707] Re: Hoot Owl Sprint from SW Missouri
by Buck Switzer <n8cqa@tir.com>
- 41) [41708] Re: MFJ-9406 6M ssb info needed
by Dave Sjolín <sjolin@swbell.net>
- 42) [41709] MI QRP Memorial Day CW Sprint --TODAY!!!!
by Hank Kohl K8DD <k8dd@arrl.net>
- 43) [41710] Michigan sprint today

by "Walter D. Amos" <waltk8cv@mpdr0.detroit.mi.ameritech.net>
44) [41711] MIQRP CW Sprint 2300Z(Mon) to 0300Z(Sun)???
by Wayne Alexander <walexan@ipa.net>
45) [41712] The Rochester Hamfest: Hope for the Future?
by "W. K. Hibbert" <wb2vuo@juno.com>
46) [41713] SST RIT/VX0 expansion ??
by "Alan Fryer" <n3bj@hotmail.com>
47) [41714] Re: Lack of sesitivity of old receiver
by "Fred DeVries" <fred.devries@mindspring.com>
48) [41715] Counting Capacitors, Great Help Saturday, NC20 Info, Congrats to Red
Hot Radio
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
49) [41716] PC to PC cable
by hw.merz@t-online.de (Hanns W. Merz)
50) [41717] Re: [Q] description of circuit for NORCAL 20?
by "Dave Fifield" <fifield@pacbell.net>
51) [41718] Re: Lack of sesitivity of old receiver
by David Hinerman <wd8civ@worldnet.att.net>
52) [41719] Re: PC to PC cable
by Hank Kohl K8DD <k8dd@arrl.net>
53) [41720] Transmission Line Calculator - DOWNLOAD FREE
by AA3RL <m9bw990@ix.netcom.com>
54) [41721] FS: OHR-400 80-20 Mtr Transceiver
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
55) [41722] Re: GAP C
by "Frank Ivan - K0FEI" <k0fei@ibm.net>
56) [41723] Re: PC to PC cable
by "Graham Firth" <Graham.Firth@BTinternet.com>
57) [41724] Where is everyone?
by gsurrency@juno.com
58) [41725] Re: GAP C
by "Frank Ivan - K0FEI" <k0fei@ibm.net>
59) [41726] RE: MFJ-9406 6M ssb info needed
by "George Goodroe" <goodroe@worldnet.att.net>
60) [41727] Re: ADEL Nibbler
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
61) [41728] Offbeat Regen. RXs, Jodi
by Frank C Hopkins <k5vai@juno.com>

Date: Sun, 30 May 1999 18:04:49 -0500
From: Randy and Cara Randall <crrandal@seidata.com>
To: leehop@uswest.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41668] Re: 10-meter SSB rig recommendations
Message-ID: <3751C411.51563122@seidata.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Lee Hopper wrote:

> Hi, everybody. Have a question for you. I'm a tech+ and would like to explore
> some ssb privileges on 10-meters.

> Lee Hopper
> KD7CTF
> Portland, OR, USA

Go to a hamfest and look for a Realistic HTX-100 CW, SSB 10 Meter only rig.
They are inexpensive around \$80.00 to 100.00, popular, perform well and are easy

to sell or trade when you are tired of it or want to move on to something else.
It has adjustable high and low power output so QRP operation is no problem.
They also make a nice exciter for a 2 meter transverter like the one from
TEN-TEC.
They have the limitation of CW or SSB USB only with out modification.

Another choice is the Uniden 2510 or 2600. They are the step brother of the
HTX-100

and will do AM, SSB USB and LSB, CW, FM.

Unfortunately they are popular with the 11 meter folks so prices are higher at
\$150.00 to 200.00.

Stay away from the tube type rigs unless you know how to work on it or have a
knowledgeable Elmer to help you. Tube stuff is fun, but if you don't know what
you

are doing you could get hurt very easily. High voltages do not forgive mistakes.

I saw that a used CB was recommended for conversion. I'd stay away from that
option

because you are limited in frequency selection, you are getting a used set from
John Q. Public

who knows not of proper storage (unheated garage, basement or barn!), the thing
may be

very old or not working properly, or fed into an antenna with an SWR of 3:1 for
its entire life.

With the Y2K thing coming, people in my area are holding on to them or if they
are at sale

are getting a big price for them, esp. the SSB rigs. If you want to go the CB
route, buy a new

one that can be converted and look around. Get a copy of "Radio / Tech
Modifications &

Alignment Controls Edition 11 B from Artsci www.artscipub.com and see what
models of radio

can be converted and how difficult a job it will be.

Here is a list from their web site as to what brands are covered in the book in case you go the used route:

CB
RADIOS

Cobra

Realistic

Alaron

Audiovox

Browning

Clarion

Colt

Convoy

Courier

Craig

Dak

Fannon

Fuzzbuster

G E

Gemtronics

Hy-gain

JC Penny

Johnson

Kraco

Layfayette

Midland

Mopar

Pace

Palomar

Panasonic

Pearce Simpson

President

Raider

Ranger

R C A

R C I

Regency

Robyn

Royce

Sanyo

S B E

Sears

Siltronics

UNIDEN

Sharp

Superstar

Teaberry

Tenna Phase

Tram

Truetone

Uniden

VTAC

Vector

Wards

Whistler

Xtal

Zexon

Good luck,
Randy KB8AS0

--

This message comes to you from Milan, IN, USA. Home of no traffic lights, lots of fields, and clean air!

"Two may keep a secret, if one of them is dead!" unknown

Date: Mon, 31 May 1999 09:47:39 +1000
From: "Ian C. Purdie" <purdic@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41669] Your web site
Message-ID: <3751CE1B.38CC95F8@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I am currently preparing an extensive page of links to other amateur radio sites around the world. I've decided to list by country/state alphabetical. If you want your site to be included in this listing please contact me direct with the following info:

1. Your country - state
2. A one line (or less) summary or site title.

3. (a) Projects Yes/No
(b) Kits Yes/No
(c) Design Info Yes/No
(d) Circuits Yes/No
4. Your URL

e.g.

1. Australia - N.S.W.
2. Ian Purdie's radio design tutorial pages for amateur radio and electronic project enthusiasts.
3. (a) Projects - No
(b) Kits - No
(c) Design Info - Yes
(d) Circuits - Yes
4. <http://www.integritynet.com.au/~purdic>

This way, hopefully I can get everyone who is interested in one fell swoop instead of the rats nest I have currently compiled and haven't loaded up yet because I don't like it.

73's

Ian

Date: Sun, 30 May 1999 20:03:07 -0400 (EDT)
From: Jim Fielden <fielden@utkux.utcc.utk.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41670] QRP SSB Dan's Kit
Message-ID: <Pine.GS0.4.10.9905302001400.24107-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone using QRP SSB? Also wondering anyone ordered one of the Kit's from Dan's since he started selling them again? I was think maybe 40 Meter for my SSB playing, any comments/hints/suggestions.

Tnx

72 de KU4QW -- jim
fielden@utkux.utcc.utk.edu

Date: Sun, 30 May 1999 17:34:33 -0700
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [41671] FS: 11-to-10 CB conversion
Message-ID: <199905310034.RAA08202@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Before Steve gets going with his new CB radio conversion, would anybody be interested in having one of the Maxon conversions? The kit is installed and the radio works fine; I've made lots of QSO's on it and gotten many compliments on its sound. I need table space, though, for the 2N/40 project, so I'm willing to sell the Maxon conversion if anybody's interested.

--Frank

Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com --*-- (509) 326-7147 --*-- <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people."

Date: Sun, 30 May 1999 18:50:18 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [41672] Hack saws, Jar-jar & the lost roll of sealing tape
Message-ID: <19990530.185024.17582.0.nilsbull@juno.com>

Gang,

My youngest went to visit a friend overnight Friday, which left me with the hacksaw and a lot of free time. So while he was prepped to see the latest Star Wars (and report later that, yes, just as everyone else has already said, Jar-jar is annoying), I hacksawed the tower down. You should've seen it. That's the way you find 'em: dropper fullOops, wrong story. It fell like a tree & now I am happy again. The damn thing was an eyesore & I ain't about to put up another monument to another religion.

Replaced it with a very nice 30 ft pole with a dipole on top. And the pole runs on 40m. Which gives me just about everything I need.

Afterwards I went to the local micro brew place & got two monster jugs of their quality pilsner.

So next, all I need to do is clean up from the tower disassembly, clean up the bench from the antenna tuner reconstruction project (no pre postmodernists here!) and get ready for when Wayne finished the manual, Eric & Wayne box the project, and hope that the medication that they give me two Tuesdays hence doesn't blow me back in time to where the ghost of William S. Burroughs reads me more weird stories about plaster Buddhas and those acrophobic elevator shafts. Worse than alien abductions. Which is another story . . .

And yes, the bands is hot. I only wish that I could find the bench long enough to do something about it.

Don'tcha just love radios and simple minded people with simple projects?

Oh yeah. . . Two books I wanna recommend: 1. Grooming, Gossip, & the evolution of Language by Robin Dunbar. Covers primate research, sociolinguistics, dialect studies, male/female language differences, the rise of literature & rhetorical studies, social group size related to neocortex size, meaning related values of vocalizations in gelada baboon populations & a lot more.

2. The Call of Solitude: Alonetime in a World of Attachments by Ester Schaler Buchholz. A meandering mix of ethnographies, case studies & what I think is an attempt to escape from the preconceptualism of Freudian psych, all related to modern life's "existence as process" through television, computer games, virtual realities, vicarious relationships with soap opera characters &c.

As in: Have you turned off your radio today?

73

Nils

=====

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes

WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com

"In my day we had to FIGHT to have email! Every day was a struggle!"

-- Comrade Sergei Nikolaievich

McTovarishov

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 30 May 1999 19:40:33 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: Low Power Group <qrp-1@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>

Subject: [41673] Flower station VE2KN
Message-ID: <Pine.LNX.3.95.990530193120.17016B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well it was another of those thrills one gets through QRP operating....I listened for Jim in Quebec this morning and didn't hear anything but the contest....birthday party for my granddaughter started in the afternoon and continued until 7:00 p.m. local time; 0100Z....was at home for a few minutes and started listening for Jim at 2300Z.....pick his signal up through the contest jumble at 2303Z and tried to get through but to no avail....had to rejoin the birthday bash at 2315Z.....but things were into the home stretch around 6:10 pm local time...so I mumbled something about having to take our Labrador for a short walk (heh,heh) and headed home....qth only about 1/2 mile from the party....tuned around and sounded like the contest had ended or certainly abated...YEAH!....there was Jim's signal a fine 559....the rest is in the log!....what a great way for me to end SB by catching Jim's nice signal from Quebec....thanks a million for being there Jim!.....and yes, I did take our Lab for a victory walk!

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada
Amateur Radio Stamp Collector "QRP! How sweet it is!"

Date: Sun, 30 May 1999 21:49:47 -0400
From: Tom M <tjmc@erols.com>
To: fielden@utkux.utcc.utk.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41674] Re: QRP SSB Dan's Kit
Message-ID: <3751EABB.50DABDD4@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Anyone using QRP SSB?

All the time,...

And for note, the QRP SSB freqs are as follows;

1.910
3.985
7.285
14.285
21.385

28.385

(but sorry to say, I rarely actually fine people using them!)

73

Tom aa2vk

Date: Sun, 30 May 1999 18:52:47 -0700 (PDT)
From: kclark@ridgecrest.ca.us (K Clark)
To: qrp-l@lehigh.edu
Subject: [41675] CQ WPX CW contest results
Message-ID: <v01530501b37735033de0@[208.138.142.26]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

DX conditions were very good over the contest weekend. I heard 75 DXCC entities on the air, and made an effort to work as many as possible. I ended up with a total of 57. This was with a Ten Tec Delta set to 4 watts FWD power, no tuner, and an HQ-1 mini-quad at 24 feet. For those not familiar with the mini-quad, it is a 2 element tri-bander about the size of a large TV antenna. Of course, it is narrow bandwidth and not tuned for the cw band, so there was significant REFL power for most contacts. The only new country was XV, for number 200 worked on QRP.

A big antenna, high up, will help you work DX on low power, but good band conditions during a contest will allow success with any antenna setup! Europe was coming in late into the evening with very strong signals on 20 and 15 meters.

73 & 72 Keith Clark W6SIY on a city lot in Ridgecrest, CA
(contrary to its name, Ridgecrest is on the floor of a large flat basin in the Mojave desert)

Date: Sun, 30 May 1999 22:18:07 EDT
From: PDouglas12@aol.com
To: QRP-L@lehigh.edu
Subject: [41676] Anybody got a progress note to share on their 2N2/40s yet?
Message-ID: <364749af.24834b5f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Gang,

I have worked up a pretty neat certificate for those who can put their completed 2N2/40 transceivers on the air and make a first contact with it. The three known extant 2N2s, owned by Jim Kortge K8IQY (2) and me (1) account for the first three numbers. Nobody has claimed certificate number four. Anybody close yet? Huh? Speak up! We're interested to see how you guys are doing.

72,

Preston WJ2V

Date: Sun, 30 May 1999 22:22:04 EDT
From: K4NK@aol.com
To: qrp-l@lehigh.edu
Subject: [41677] WTB Kirk castings
Message-ID: <85fde2fc.24834c4c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang;

Now that good wx is here I am undertaking the building of some six meter yagis. I am looking for some old Kirk castings...yes that goes way back to the 70's. These are used for holding elements to the boom etc. If ...you might have a few tucked away or have an old antenna you have not used for a while. Send me an e-mail and state your price.....

73 Les K4NK

Date: Sun, 30 May 1999 22:46:02 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: "qrp-canada@lists.gpfn.sk.ca" <qrp-canada@lists.gpfn.sk.ca>, qrp-l <qrp-l@Lehigh.EDU>
Subject: [41678] Spring Bouquet Victory...
Message-ID: <3751F7E9.3DD59A07@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bruce wrote:

Well it was another of those thrills one gets through QRP operating

How true this is Bruce...Was also listening from 2300z on, but due to the contest, could not hear Jim, then when the test ended, alas, the signal I was looking for...Jim's signal was up and down, but finally got him, he was a 539 into Ontario...My third flower, and so close to the end, almost thought I was going to have to wait till next year...

Jim's signal came up to a 599 at 0045z...And Bruce, when you worked him, you were 589 here...Way to go...I want to thank all the stations out there who operated flower stations, and also all of those who listened for me when it was my turn...Great bunch we QRP folks...Thank to all..And oh yes..I was wearing my QRP Canada shirt when I worked this one...

72 Fred

VE3FAL

You can do so much with so little...

Date: Sun, 30 May 1999 22:09:59 -0500
From: Tim Ahrens <tahrens@hilconet.com>
To: qrp-l@lehigh.edu
Subject: [41679] Help with Sinclair Duplexers
Message-ID: <3751FD87.A0164EA0@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Folks - Please excuse the slightly off list subject, but this is the only list I subscribe to.

Anybody have experience tuning up the VHF versions? I have done it before several times with other ones, but I have two that are acting very strange.

Please respond directly.

Thanks for the BW

Tim W5FN

Date: Sun, 30 May 1999 20:22:46 -0700
From: "M. Monninger" <markem@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [41680] Re: Anybody got a progress note to share on their 2N2/40s yet?
Message-ID: <3.0.6.32.19990530202246.008617e0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:18 PM 5/30/99 EDT, PDouglas12@aol.com wrote:

> ...
>Anybody close yet? Huh? Speak up! We're interested to see how you guys
are
>doing.
>
I have about half the parts on hand and a board on the way from KI7MN. I
plan to order the rest of the parts this week. Then it depends on how much
time I have to work on it. I hope to get it finished before Ft. Tuthill.
We'll see....

73... Mark AA7TA

Date: Sun, 30 May 1999 22:25:18 -0500
From: Jay Freeman <jayFreem@direcpc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41681] Re: CQ WPX CW contest results
Message-ID: <3752011D.7F12AC04@direcpc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy,

K Clark wrote:

> DX conditions were very good over the contest weekend.

Yes they were! I wound up working 30 Q's during odd bits and snatches of
operating time. I had fun, but now I know why everyone says DC receivers are no
good for contesting - double your qrm, double your fun :). Only worked 3 or 4
DX stations. I heard quite a few I could not work, however. I also tried to
work NA5N, but lost him in a vicious spate of QRM, sorry Paul! I wonder how
many single band 15m QRP entrants there will be from 9 land - if I'm the only
one, I guess I'll tie for first :).

72/3,

Jay

> --

```
*-----*
* Jay Freeman - WT9S                      ARRL *
* G-QRP 10319 QRP ARCI ??????            *
* SASS #18700                             NRA Life *
*-----*
```

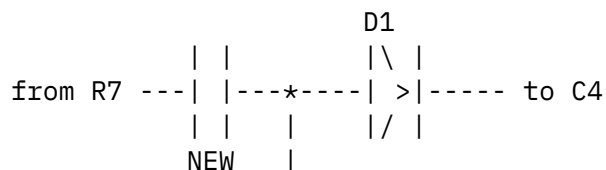
Date: Sun, 30 May 1999 22:27:07 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-1@lehigh.edu
Subject: [41682] Desert Ratt detector correction
Message-ID: <Pine.SUN.4.10.9905302215410.12621-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Please note the CORRECT orientation of the 2nd diode if you want to convert yours to a voltage doubling AM detector. I hate these ASCII schematics! I tried to draw the 2nd diode "vertically" but it looked awful, so decided to turn it sidewise like D1 to make it look better, and by that time lost all track of the proper orientation. Sorry.

But it proved a bunch of you are paying attention :-) And got two emails that it works better "the other way" proving there must be a good handful of working regens out there! Thanks to all for pointing out the error though. Here's the whole thing again ...

3. For better AM detector efficiency, put a .01 cap between R7 (in the Q3 emitter follower) and the detector diode, D1. Now, put another diode from the anode of D1 to ground as shown below:




```

      .01  |      | /|
            |< |----GND
            | \|
            NEW DIODE

```

This makes a voltage doubler circuit, and it indeed will bring the detected audio up 6dB, or twice the original. D1 and D2 should be the same type (both germaniums, or both 1N914's, etc.)

GL and 72,
Paul NA5N

```

-----

Date: Mon, 31 May 1999 00:02:25 -0500
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41683] Update on VE3DNL Marker/Generator FSQC kit
Message-ID: <375217E1.5760D3D8@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

```

Gang,
I originally meant to try to e-mail everyone as their kit went out the door, but this has proved futile. The time this would take me every night to do this I could get out another 20 kits. So let's do this, Give your check a week to get to me, give me a week to get your kit to you, and throw in a week for grins. If you have not see your kit in 3 weeks give me a shout. I done everything humanly possible to make sure there are no screw ups. So if there is a problem let me know and I will fix a.s.a.p.. You folks have been great, thanks.

I am staying caught up on the kits. This Tuesday I will have mailed out 77 kits. I am lacking one part and it should have been here last Friday, we will have enough for all that reserved a kit including the ones passed the first hundred.

Also if you got in late and are waiting for the next run go ahead an order now. Info on ordering is on the NorCal web page at <http://www.fix.net/~jparker/norcal.html>
Jerry Parker has updated the NorCal web page and what a piece of work!! No need to have any other site booked marked because anything QRP is right here.

For those who are internet challenged here is the info on the VE3DNL Marker/Generator kit: The price of the kit is \$10 plus \$2 for shipping/handling. Make your check payable to Jay Bromley and mail to the following address:

Jay Bromley W5JAY
9505 Bryn Mawr Circle
Fort Smith, Ar. 72908-9276

Remember this is a fund raiser for next year's hamfest forum. Many thanks to all.

73 de w5jay..

Date: Mon, 31 May 1999 01:23:13 -0400 (EDT)
From: malman@world.std.com (Joel Malman)
To: vole@primenet.com
Cc: k1qm@world.std.com, qrp-l@Lehigh.EDU
Subject: [41684] Hoot OWL!
Message-ID: <199905310523.AA19429@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Joe V..

WOW! The Hoot OWL was a lot of fun! I heard a lot of the QRP calls from the QRP-L list. Neat. I mostly called CQ and let everyone else do P+W this time. Had 56 Q's (40 and 20 meters only) and had a very good time.

Best East DX hr was a few G and DK ARCI members.

Best West DX hr was N6MM (Harvey), W7CNL (ID), WA7LNU (UT) ...

--
/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Mon, 31 May 1999 01:28:43 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Joel Malman <malman@world.std.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41685] Re: Callsign Server
Message-ID: <Pine.3.89.9905310149.B24287-01000000@bc.seflin.org>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 30 May 1999, Joel Malman wrote:

>

> Gee.. I worked 2 stations in the WPX 'test so far that I have NO idea
> where they are: Z72Z and ZI7LA. Now, I work a lot of DX, but I have
> never heard a Z7 or ZI callsign before. Any ideas?

>

The Z72Z was ZZ2Z which I believe is Brasil. I suspect the ZI7LA is also
a typo, but don't know what it should be...

73,

Bob Patten, N4BP

, ' ' ' ,

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Mon, 31 May 1999 02:05:32 -0700

From: "Dave Fifield" <fifield@pacbell.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <gqrp@onelist.com>

Subject: [41686] Red Hot Radio NorCal 20 Kits Now Available!

Message-ID: <006701beab44\$bd269220\$0db865d8@pacbell.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Red Hot Radio is proud to announce that Red Hot NorCal 20 kits
are ready for ordering/shipping. This was pre-announced last week
to the hams who took the time to fill in our online form expressing
an interest. Orders are pouring in fast. Don't miss out on the first
batch - get your order in fast. We have 100 kits ready, the next
batch will take a few more weeks for the parts to come in.

All the details are up on the Red Hot Radio website at
<http://www.redhotradio.com>

For those who don't have web access, here is the deal:

Red Hot NorCal 20, 20m CW QRP transceiver kit with red anodized

and engraved case, 10 turn tune pot. High performance RX with FET pre-amp, high level TUF-1 mixer, 9MHz IF with 4+1 crystal filtering, audio filtering and a 1 Watt audio output. Super-clean TX (harmonics <-70dB, spruii <-50dB) variable from 0 to 5W output. VFO tuned with a nominal 70KHz range. RIT, RF, AF controls. Built-in TiCK Morse code keyer. Built-in frequency annunciator with auto/manual modes. Kit includes all parts to build this superb transceiver - yes, even the power cord is supplied. You need to supply a power source, headphones/loudspeaker, key/paddles and an antenna only.

All this for only \$135 - what a bargain! (shipping extra, of course).

Please visit the Red Hot Radio website (below), email me, or call 408-390-6805 for ordering details (or if you have any questions).

P.S. We are NOT taking orders for the RH40 yet. This kit will be available in 4 to 6 weeks time - I'll announce it then.

72, Dave Fifield, AD6A
<http://www.redhotradio.com>

Date: Mon, 31 May 1999 02:13:34 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41687] Desert Ratt
Message-ID: <375252BE.43739099@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My "deaf" rat came alive tonight. So far, I don't have any AM interference, and I've been picking up some nice short wave activity.

Paul's newest modifications worked very nice on my desert rat, with the 15uH inductor making a major difference.

For what it's worth, here are some additional mods that helped my "rat".

1. I installed a 1.2K resistor in series with C15.
According to the spec. sheet, I should realize a gain of

50, which is a compromise between 200 and 20. I may install a 2K trim pot for variable gain control on the 386.

2. I removed R16, which did not affect my radio at all.

3. I added a 10uF electrolytic at the junction of R13/15 and the 9 Volt tie, which took out some power line hum.

4. While probing around with my oscilloscope, I noticed a lot of RF on my volume control. I put a .01 cap across the center and the ground lug of the volume control, which knocked out the RF completely, and a little of the highs.

I am using a 12 Volt battery. Idling current of the rat is a little over 9mA (9.65mA) with the volume wide open. No motor boating, nice tones.

72,

Norm/KQ6SD

Date: Mon, 31 May 1999 11:24:44 +0200
From: "David Reid" <dareid@Synopsys.COM>
To: qrp-l@lehigh.edu
Subject: [41688] Re: Distributor of QRP-L Archive in Benelux area of Europe
Message-ID: <199905310924.LAA02916@goofy.gr05.synopsys.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hi all,

For those in the Benelux regions (Belgium, Netherlands, Luxembourg) and even Germany or anywhere in Europe...

Chuck shipped me the CD-ROM master - but it hasn't arrived yet... but it will be here soon, so I will have the QRP-L CD Rom archive available...

Same deal as Chuck's suggestion (and followed by Jon):

A) Send me a blank CD-R (OR CD-R/W) with a mailer and stamps for Netherlands. A label will be appreciated and an email address will provide you with a confirmation of reception/delivery. I will burn the CD and return it ASAP.

B) Send me the equivalent of US\$10 (20DM / 23HFL / 8 UKP/ 10

Euro???) and I will take care of everything (buying CD and mailer, burning the CD and mailing it to your address). Self-addressed label and email address are gladly welcome too.

I can accept the following currencies:

- Dutch Guilders
- German Marks
- Belgian Francs
- British Pounds
- US Dollars

OR, talk to me about some other way to get you this fine CD.
(swap for some of your countries radio mags...etc)

An email indication if you are interested, for the first batch, would be welcome.

ik spreek ook een beetje nederlandse.

Dave Reid
PA3HBB / G0BZF
Leenderweg 46
5591 JE Heeze
The Netherlands

please use my home email account to communicate and include your mailing address in the email...

drpc@compuserve.com
but note that I only read this account in the weekends.

72/73 de Dave

PA3HBB / G0BZF

Date: Mon, 31 May 1999 11:04:24 +0100
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: <purdic@integritynet.com.au>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [41689] Re: Your web site
Message-ID: <00f101beab4c\$f7c1f3e0\$25ef5cc3@prsat0x1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You can add a link to my site if you so wish - award for the Best QRP site

.....

Frank G3YCC G QRP 042, G QRP Sales Officer.
QRP web page <http://www.karoo.co.uk/g3ycc/>

Date: Mon, 31 May 1999 07:35:24 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [41690] Hoot Owl Sprint from SW Missouri
Message-ID: <199905311237.HAA15829@dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yes,

It was a "hoot". Worked mostly 20 meters... 44 QSOs. Including some DX - ON4KAR, VK7CW, OK1AIJ, DL4AUJ. 40 was noisy here. Setup was TS-50, LDG AT-11 Tuner and 280 ft Loop at 5 watts. The last hour was a bit slow. Saw something about a Mich QRP Sprint for today? Hope to be around.

73,

Kelly Ellison - WB0WQS - Aurora, MO - Summit City of the Ozarks.

Date: Mon, 31 May 1999 08:42:46 -0400
From: Tom Bowman <tbowman@nbn.net>
To: qrp-1@lehigh.edu
Subject: [41691] FS: TS-430s and AT-250
Message-ID: <3.0.5.32.19990531084246.0082fe80@nbn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks for reading this:

TS-430s transceiver with FM board installed, 500 Hz CW filter, and 6 kHz AM filter. Works fine. Looks great, clean. My station rig since I bought

it in 1981. Selling it because I bought a new rig. \$400 and I pay shipping.

AT-250 automatic antenna tuner. Works fine all bands on my G5RV antenna. \$200 and I pay the shipping.

Both as a package: You pay \$550 and I'll pay the shipping.

73,

Tom Bowman, WA3REY

<>< Tom Bowman, WA3REY, Mount Gretna, PA 17064

tbowman@mt-gretna.com QRP-L #125

<http://www.mt-gretna.com>

Date: Sun, 30 May 1999 21:02:48 -0400
From: Joseph Mikuckis <k3chp@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [41692] Six Meter Beacons
Message-ID: <3751DFB8.3710@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am trying to get active in the 6-meter band. Where can I get info regarding 6-meter beacons?

73 de Joe, K3CHP
Riverdale, MD

Date: Mon, 31 May 1999 09:22:30 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <k3chp@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [41693] Re: Six Meter Beacons
Message-ID: <000801beab68\$a5f38120\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I don't have a good list of beacons, but a wonderful resource is the 50 MHz propagation logger <http://raven.cybercomm.net/~slapshot/dxing/50prop.html>

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Joseph Mikuckis <k3chp@erols.com>

>I am trying to get active in the 6-meter band. Where can I get info
>regarding 6-meter beacons?

Date: Mon, 31 May 1999 09:51:39 -0400
From: Wayne A Smith <k8ff@juno.com>
To: qrp-l@lehigh.edu
Subject: [41694] Re: WPE Callsigns
Message-ID: <19990531.095142.7174.0.k8ff@juno.com>

Hi Rich, Wow!! Does your post bring back memories! I started as an SWL in the mid to late fifties and was WPE8HE. This eventually led to my novice call KN8WOT in the fall of 1960. I got my present K8FF assignment in 1976.

My first QRP rig was a 6AQ5 xtal controlled 40 meter transmitter built on a plastic sandwich box as described in Popular Electronics in the mid fifties. My receiver was a Hallicrafters S38E which I still have. I would really like to re-creat that rig if I could find the original PE article.

Best regards es 72, Wayne K8FF

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 31 May 1999 08:52:51 -0500
From: Jeff Gold <JGold@tntech.edu>

To: QRP-L #98 <qrp-l@lehigh.edu>
Subject: [41695] Father's Day
Message-ID: <005401beab6c\$dfec32e0\$4d0b9595@cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Well with Father's Day coming up, could use some help from the group:

- 1) suggestions for portable soldering kit (Butane?)
- 2) is this a recommended soldering station?

<http://www.web-tronics.com/webtronics/autsolirstat.html>

thanks
Jeff, AC4HF

Date: Mon, 31 May 1999 08:28:06 -0400
From: K4AHK@ix.netcom.com
To: GRINDRR@chh.co.nz
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41696] Re: looking for website
Message-ID: <37528054.374C@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>>
I am trying to locate the web site for a power supply company called
Lambda
>>

Try:

<http://www.lambdapower.com/>

Bill - K4AHK

Date: Mon, 31 May 1999 09:14:06 -0500
From: Ken Hopper N9VV <n9vv@hamsnet.net>
To: qrp-l@lehigh.edu
Subject: [41697] [Q] description of circuit for NORCAL 20?
Message-ID: <3752992E.A83A20EE@hamsnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is there a description of what is in a NORCAL 20? Neither NORCAL, K5FO, nor RedHotRadio have any text describing the circuit. Any manual on the web? or articles to read?

TNX,
Ken - N9VV

Date: Mon, 31 May 1999 16:42:23 +0200
From: Alen Mitrovic <alen.mitrovic@hermes.si>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41698] KC2 for Sale ?
Message-ID: <F27E71EFEFE6D211917900A0C955EF6173532C@hal9000.hermes.si>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> Has anyone KC2 keyer/ from Wilderness radio for sale?
>
>
> 73 de Alen / S53MA
>
>
>
> <http://www.qsl.net/s53ma>
>
>
>
>

Date: Mon, 31 May 1999 10:48:15 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [41699] MFJ-9406 6M ssb info needed

Message-ID: <v03102800b378511d6a33@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have an opportunity to obtain an MFJ-9406 6M QRP SSB rig. Does anyone on the list have any experience with one? What about the CW adapter?

Good rig, bad rig, etc. opinions would be appreciated, but please no MFJ flames.

Thanks and 72,

Rick kf4ar

Date: Mon, 31 May 1999 10:49:53 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [41700] ANTENNA TEST TODAY: Double Magnetic Slot
Message-ID: <3752A190.7AD716D5@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings, all

I've got my HONEY-D0 list sufficiently whittled down and will be able to hang my single-wire DMS in my clandestine spot along the Hudson this afternoon/evening.

I'd appreciate reports from those who can hear my NN1G 40+ around 7.04 +/- QRM, probably around 2000 UTC or so. If any different, I'll notify here.

Hope to see you there

72
-s-
--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Mon, 31 May 1999 11:00:40 -0400
From: "Fred DeVries" <fred.devries@mindspring.com>
To: "Low Power List" <qrp-l@lehigh.edu>
Subject: [41701] Lack of sensitivity of old receiver
Message-ID: <00d301beab76\$5a558fc0\$b4b28ad1@fred.devries>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've run across an old Hallicrafters general coverage (tube type) receiver. Above 7 MHz the sensitivity drops so drastically that it will barely hear anything. Can someone suggest a possible fix? I thought of buying it, but it seems to be pretty worthless as it stands now. Thanks

Fred (KC8MMS)
I support Alan Keyes for President! Go to:
<http://www.keyes2000.com> for more information

Check out my web page at:
<http://www.mindspring.com/~fred.devries/>

Date: Mon, 31 May 1999 11:05:22 -0400
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-l@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [41702] Hootowl Sprint: N2CQ
Message-ID: <3.0.6.32.19990531110522.00812aa0@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi All,
Glad to be able to enjoy the sprint with many of the fine QRP Contesters!
DX Surprise: Two Euro stations calling on my CQ on the back of the tribander.
HOOT!

~~~~~  
QRP ARCI HOOTOWL CONTEST

Call used: N2CQ

Location: NJ

Category: Single Op All Band

Mode: CW

Power: 5W

Callsign of Operator: N2CQ

Exchanged Information: N2CQ RST NJ 7975

Hours of Operation: 03:19

| band  | QSOs | points | mults |               |
|-------|------|--------|-------|---------------|
| 160   | 0    | 0      | 0     |               |
| 80    | 4    | 119    | 3     |               |
| 40    | 28   | 812    | 13    |               |
| 20    | 23   | 707    | 18    |               |
| 15    | 0    | 0      | 0     |               |
| 10    | 0    | 0      | 0     |               |
| ----- |      |        |       |               |
| TOTAL | 55   | 1638   | 34    | SCORE: 55,692 |

Equipment: Kenwood TS-850sat (5 Watts), Doublet, Tribander.

-----  
72/73 de  
Ken Newman - N2CQ  
Woodbury, NJ  
  
N2CQ@ARRL.NET

~~~NJ QRP Club Home Page ~~~  
<http://www.NJQRP.org>

~~~Club Callsign~~~  
WQ2RP

-----  
Date: Mon, 31 May 1999 08:27:29 -0700 (PDT)  
From: Duane Alles <w9zm@yahoo.com>  
To: qrp-1@Lehigh.EDU  
Subject: [41703] TNX for portable antenna answers  
Message-ID: <19990531152729.27889.rocketmail@web501.yahoomail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Thanks for all the help on my portable antenna question.

73/72

Duane, W9ZM

-----  
Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

-----  
Date: Mon, 31 May 1999 10:39:03 -0500

From: "Steve Yates, AA5TB" <aa5tb@swbell.net>

To: <rerobins@email.uncc.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [41704] Re: MFJ-9406 6M ssb info needed

Message-ID: <001201beab7b\$b716bb80\$af37a497@aa5tb>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Rick,

I have used the MFJ-9406 for about a year and like it very much. You definitely only get what you pay for. It has no frills but performs very well. With the analog dial it is difficult to park on a calling frequency without hearing someone there first. On transmit the people on the other end can't tell your not on a kilobuck rig. For mobile use the lack of a noise blanker can be a big problem.

I recently installed the CW adapter and I find it not worth the effort. It caused pretty severe RF feedback when using SSB and the sidetone is an irritating piezoelectric buzzer at about 2 kHz. The CW transmit quality is fine but the modification pretty much destroys phone operation. I'm sure a little decoupling here and there will solve much of the problems but I really expected it to work from the start. Please note that this problem may be inherent in only my rig and not everyone else's but I doubt it.

For a simple but effective SSB rig for 6 meters I would recommend it. For a high performance CW rig forget it.

Steve Yates

AA5TB

Fort Worth, TX - EM12gs

<http://home.swbell.net/aa5tb>

-----  
Date: Mon, 31 May 1999 15:42:46 +0100  
From: Peter Larsen <larsenp@cadvision.com>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power <qrp-l@Lehigh.EDU>  
Subject: [41705] Wild Rose mobile vs Rocky Rally  
Message-ID: <37529FE6.AB8F2133@cadvision.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi All:

first off I know this past the 24 hour dead line for  
posting my log from the Spring-Bo. But this time  
I have no log. No one heard me or answered my CQs.  
On the other hand the Rocky Mountain Rally was lots  
of fun. I was a radio op at one of the check points  
so was kept busy all day.

Let's see, two motors blown, one car off the road down  
a 100 foot cliff, one car rolled down a 60 foot cliff,  
no one hurt. One foot of fresh snow, 6 inches of mud.  
Street cars going 120 Kph.  
What could be more fun?? (maybe a few QRP contacts in the  
middle?)

See all the action on TSN June 20, 1999.

PS to Earl:

Sorry I missed you on two meters, my stage finished and  
I fled for home to get some clean/dry close on.  
My little Mazda gets too loose at 140 so I had to drive slowly.

--

73 es have fun  
Peter  
VE6YC D021wc

-----  
Artificial intelligence is no match for natural stupidity.  
-----  
-----

Date: Mon, 31 May 1999 10:49:46 -0500  
From: Jay Freeman <jayFreem@direcpc.com>  
To: fred.devries@mindspring.com



Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [41706] Re: Lack of sensitivity of old receiver  
Message-ID: <3752AF99.FFE04624@direcpc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

You might find some help, or someone who knows enough to help, by checking out the web site of the HCA at <http://www.hallicrafters.org/index.htm> They've got downloadable manuals for many Hallicrafters, a message forum (which works off and on :). They also have lists of the members and who owns which model, most of them have email addresses and would be happy to offer some suggestions. You'll also find instructions on signing up the the Hallicrafters reflector (which is as enjoyable as this one).

72/3,

Jay

Fred DeVries wrote:

> I've run across an old Hallicrafters general coverage (tube type) receiver.  
> Above 7 MHz the sensitivity drops so drastically that it will barely hear  
> anything. Can someone suggest a possible fix? I thought of buying it, but  
> it seems to be pretty worthless as it stands now. Thanks

--

```
*-----*
* Jay Freeman - WT9S                      ARRL *
* G-QRP 10319 QRP ARCI ?????              *
* SASS #18700                             NRA Life *
*-----*
```

-----

Date: Mon, 31 May 1999 12:00:02 -0600  
From: Buck Switzer <n8cqa@tir.com>  
To: kelman@dialnet.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [41707] Re: Hoot Owl Sprint from SW Missouri  
Message-ID: <3752CE22.FE3565B9@tir.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Kelly - MIQRP CW Sprint 2300Z(Mon) to 0300Z(Sun). 1800 to 2200 CDT.

73 Buck N8CQA

Kelly Ellison wrote:

>  
> Yes,  
>  
> It was a "hoot". Worked mostly 20 meters... 44 QSOs. Including some DX -  
> ON4KAR, VK7CW, OK1AIJ, DL4AUJ. 40 was noisy here. Setup was TS-50, LDG  
> AT-11 Tuner and 280 ft Loop at 5 watts.  
> The last hour was a bit slow. Saw something about a Mich QRP Sprint for  
> today? Hope to be around.  
>  
> 73,  
>  
> Kelly Ellison - WB0WQS - Aurora, MO - Summit City of the Ozarks.

-----  
Date: Mon, 31 May 1999 11:33:22 -0500  
From: Dave Sjolin <sjolin@swbell.net>  
To: rerobins@email.uncc.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [41708] Re: MFJ-9406 6M ssb info needed  
Message-ID: <3752B9D2.F3BF1339@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Richard E. Robinson wrote:

>  
> I have an opportunity to obtain an MFJ-9406 6M QRP SSB rig. Does anyone on  
> the list have any experience with one? What about the CW adapter?  
>  
> Good rig, bad rig, etc. opinions would be appreciated, but please no MFJ  
> flames.  
>

I would echo Steves comments. The MFJ-9406 is a nice little radio. I get  
super audio reports with it. Has hot receiver. Have worked all over the  
country using an R5 vertical (no thats not an R6) and no amp.

Only complaints:

- 1) Analog dial - difficult to qsy to a specific frequency. Also difficult to locate calling frequency, if no one is on it.
- 2) No headphone jack. Somewhat difficult to install your own but check out this month's QST article.
- 3) Only covers 50.0 to 50.3 although in all fairness, this is where you are going to find almost all weak signal activity.
- 4) CW not built in. I have CW adaptor but have never gotten around to installing it.
- 5) No noise blanker.

Knowing what i know now, would I buy it again? You bet.  
73 de Dave, N0IT

-----  
Date: Mon, 31 May 1999 12:34:09 -0400  
From: Hank Kohl K8DD <k8dd@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [41709] MI QRP Memorial Day CW Sprint --TODAY!!!!  
Message-ID: <4.1.19990531123133.015a1500@192.0.0.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The MI QRP Club Memorial Day CW Sprint

Monday 05/31/99 - 2300Z(Mon) to 0300Z(Tue) GMT....UTC  
Monday 05/31/99 - (1900 to 2300 EDT Monday) Eastern Local Time

The rules are posted on:

<http://www.tir.com/~k8dd/rules97.htm>

\*/ Hank Kohl K8DD k8dd@arrl.net  
\*/ ARRL TS <http://www.tir.com/~k8dd>  
\*/ MI-QRP - Vice Pres. QRP-ARCI - Director  
\*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

-----  
Date: Mon, 31 May 1999 16:44:14 +0100  
From: "Walter D. Amos" <waltk8cv@mpdr0.detroit.mi.ameritech.net>  
To: Qrp-1 Posts <qrp-1@lehigh.edu>

Subject: [41710] Michigan sprint today .....  
Message-ID: <3752AE4E.9F166040@mailhost.det.ameritech.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Memorial day sprint ..... SEE BELOW .....

#### MICHIGAN QRP CLUB

##### Contest and Sprint Rules

1999 contest dates are:

January CW Contest: 09 January 1999, 1200Z to 2359Z 10 January 1999.

<--GMT

January CW Contest: 09 January 1999, 0700 to 1859 10 January 1999.

<--EST

Memorial Day CW Sprint - Monday 05/31/99 - 2300Z(Mon) to 0300Z(Tue)  
(1900

to 2300 EDT Monday).

July 4th CW Sprint - Sunday 07/04/99 - 2300Z(Sun) to 0300Z(Mon) (1900  
to

2300 EDT Sunday).

Labor Day CW Sprint - Monday 09/06/99 - 2300Z(Mon) to 0300Z (Tue) (1900  
to

2300 EDT Monday).

All MI-QRP Club contests/sprints are run under the rules below.

All contests/sprints will be run on 160 thru 6 Meters (no WARC bands).

All amateurs are invited to participate.

#### CLASSES:

\*A - 250 milliwatts or less output.

\*B - One watt to 250 milliwatts output.

\*C - Five watts to one watt output.

\*D - Over five watts output.

#### EXCHANGE:

RST, QTH (State/Province/Country) and MI-QRP Membership Number

(non-members

send power-output).

#### SCORING:

Stations may be worked once per band for QSO points.

All member contacts are 5 points.

Non member contacts in W & VE are 2 points.

Non member DX contacts outside W & VE are 4 points.

Multiply total QSO Points, on all bands, by the total number of

States/Provinces/Countries worked on all bands for total points. U.S. & Canada do not count as countries.

**BONUS POINTS:**

Total points may be multiplied by 1.25 for home brew RX or TX  
w/commercial

RX or TX combinations w/commercial RX or TX combinations. Multiply by  
1.5

for a total homebrew station. Home brew = any kit or home made gear, it  
is

not necessary for you to have built it yourself.

Those using homebrew gear on some, but not all bands, may claim credit  
by

listing the proper bonus points in each band's "BPTs" column on the  
score

sheet, adding them up and dividing by the number of bands used.

Enter the average (round to 2 decimal places) in the "Totals" row, under  
the "BPTs" column. I'll do this for you if you give me adequate rig info

on

each band.

**AWARDS:**

Certificates awarded by class for high score in each  
State/Province/Country.

A legible, chronological log is required. Please include your name,  
call,

address, equipment description and Power output . Results will be  
printed

in the next issue of The Five Watter. Final decision on any contest  
matters

rest with the contest manager. E-mail logs are encouraged. E-Mail Logs  
to: n8cqa@tir.com

Mail logs to:

L. T. SWITZER N8CQA

654 GEORGIA AVENUE

MARYSVILLE MI 48040-1243

Log and entry sheets available for an SASE to the above.

-----

Date: Mon, 31 May 1999 11:44:48 -0500

From: Wayne Alexander <walexan@ipa.net>

To: qrp-l@Lehigh.EDU

Subject: [41711] MIQRP CW Sprint 2300Z(Mon) to 0300Z(Sun)???

Message-ID: <4.1.19990531114312.0093ac90@popd.ipa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

What are the rules and exchange? Is there a web site I can go to? Thanks  
73,  
N0EA  
Wayne  
Willard, MO  
FISTS # 4907  
QRP-L # 1058  
Web Page <http://www.qsl.net/n0ea>

-----  
Date: Mon, 31 May 1999 12:52:06 -0400  
From: "W. K. Hibbert" <wb2vuo@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [41712] The Rochester Hamfest: Hope for the Future?  
Message-ID: <19990531.125207.-6455.0.wb2vuo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

As you all saw earlier this week, there is a chance that the Rochester (NY) Hamfest, which is also the ARRL WNY Convention, may lose its home. This is really up in the air now...

On 25 May, the local media announced that the Monroe County Fairgrounds, and the Dome Arena had a buyer, and there was going to be an office park built at the site.

On 29 May, the Fair officials stated that the "For Sale" signs were up to "Explore the market for the Dome and the land...", but nothing has changed (??) That sounds a bit strange to me, and smacks of false advertising, but they ARE a Government agency, and lies and deceit are the norm in such circles, or so it seems...

The Fair announced that they will be at the Dome thru 2005, so I hope that the Rochester Hamfest will be also.

But, word came out Friday that several vendors won't, nor will Yaesu, Kenwood or Alinco's manufactureres displays. It's going to be interesting to say the least. I had hoped to see the FT-100 package, but it doesn't look like I will now. I still hope to see a K2, and if I hadn't "given" the IRS so much this year, I would have had one on offer now, but that's another tale...

72/73, Keith, WB2VU0, 100% QRP from the Depths of the Great Bergen Swamp  
"My night light runs more power than my Rig!!!"

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

---

Date: Mon, 31 May 1999 10:25:28 PDT  
From: "Alan Fryer" <n3bj@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [41713] SST RIT/VX0 expansion ??  
Message-ID: <19990531172529.70304.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-type: text/plain; format=flowed;

Wonder if anyone has successfully added RIT to the SST ? Also interested in  
successful expansion of the coverage of the units. Have read the G3YCC  
stuff on VX0 expansion, which is great, looking for additional info, if  
available.

Thanks,

Alan, N3BJ

---

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

---

Date: Mon, 31 May 1999 13:47:02 -0400  
From: "Fred DeVries" <fred.devries@mindspring.com>  
To: "Low Power List" <qrp-l@lehigh.edu>, "W. K. Hibbert" <wb2vuo@juno.com>  
Subject: [41714] Re: Lack of sensitivity of old receiver  
Message-ID: <020a01beab8d\$987e3920\$b4b28ad1@fred.devries>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Keith and all,

The Hallicrafters SX100, a single conversion model from about 1960.

Fred (KC8MMS)

-----Original Message-----

From: W. K. Hibbert <wb2vuo@juno.com>

To: fred.devries@mindspring.com <fred.devries@mindspring.com>

Date: Monday, May 31, 1999 1:04 PM

Subject: Re: Lack of sensitivity of old receiver

>Hi Fred. Keith here in the Depths of the Great Bergen Swamp in WNY..

>

>What model Hallicrafters is it? The earlier ones were single-conversion

>with a 455 Kc/s IF, and were not the greatest on the upper bands. The

>SX-25 & SX-28 were the exception as they had 2 RF stages before the 6K8

>mixer.

>

>It's possible that the upper bands are just badly out of alignment.

>

>73, Keith, WB2VUO

>

>

>-----  
>You don't need to buy Internet access to use free Internet e-mail.

>Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>

>or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Mon, 31 May 1999 11:59:16 -0700

From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)

To: <qrp-l@lehigh.edu>

Subject: [41715] Counting Capacitors, Great Help Saturday, NC20 Info, Congrats to Red Hot Radio

Message-ID: <01beab97\$ae7d2100\$630a0d0a@doug.dpol.k12.ca.us>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Taking a break from counting capacitors. Have done 34,000 since starting Saturday morning. Great help Sat. from Bill Jones and Paul Maciel. We got a 16,000 done Saturday, and I have done another 18K since. Looks like I will make it this week. Only the first 200 orders will be shipped as we have a back order, and the rest will ship the first part of August. Paul and Bill were great help, Bill brought over his Regen, and both Paul and I



had the same reaction when we saw it. Our mouth's literally dropped open.  
What a job. He is a craftsman.

Saw a posting on the list about NC20 info. There is an extensive article in the Spring QRPP which is at the printers now by Dave Fifield. It has all the info on the NC20, including schematics. Be patient guys and it will be out in about 3 weeks. Good things take time.

Congratulations to Dave Fifield for starting his new Kit Company, Red Hot Radio. Best of luck to him, and he is starting out with a wonderful product!! Now, back to counting capacitors. 72, Doug, KI6DS

-----  
Date: Mon, 31 May 1999 20:54:05 +0200  
From: hw.merz@t-online.de (Hanns W. Merz)  
To: qrp-l@lehigh.edu  
Subject: [41716] PC to PC cable  
Message-ID: <m10oXCH-000400C@fwd10.btx.dtag.de>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8BIT  
Content-Transfer-Encoding: 8BIT

Hi all,

I tried to connect my notebook with the desktop PC via the parallel ports (2x EPP, Windows 98: "direct PC to PC connection") using a normal 25 pins parallel cable. But it doesn't work at all. I suppose that a special cable (special wiring) is necessary.

Can anybody tell me, how this cable should look like? Sub D 25 poles to sub D 25 poles of course, but how should I configure the pins? I guess that some wires are going overcross.

I looked in several books for a description but was not successful. Does anybody know a website or where I can get help?

Many thanks,  
Hanns DK9NL  
hw.merz@t-online.de

-----  
Date: Mon, 31 May 1999 12:02:18 -0700

From: "Dave Fifield" <fifield@pacbell.net>  
To: <n9vv@hamsnet.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [41717] Re: [Q] description of circuit for NORCAL 20?  
Message-ID: <009b01beab98\$1b2d87e0\$0db865d8@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Ken,

How remiss of me! I'm sorry about that - you reminded me recently too.  
I will rectify the oversight today sometime, by adding a full description  
plus the circuit diagram up onto the Red Hot Radio website. It should be  
up there by late evening.

72, Dave Fifield, AD6A  
<http://www.redhotradio.com>

From: Ken Hopper N9VV  
> Is there a description of what is in a NORCAL 20? Neither NORCAL, K5FO,  
> nor RedHotRadio have any text describing the circuit. Any manual on the  
> web? or articles to read?

-----  
Date: Mon, 31 May 1999 15:11:34 -0400  
From: David Hinerman <wd8civ@worldnet.att.net>  
To: qrp-1@lehigh.edu  
Subject: [41718] Re: Lack of sensitivity of old receiver  
Message-ID: <3.0.6.32.19990531151134.0079e700@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 11:00 AM 5/31/99 -0400, you wrote:  
>I've run across an old Hallicrafters general coverage (tube type) receiver.  
>Above 7 MHz the sensitivity drops so drastically that it will barely hear  
>anything. Can someone suggest a possible fix? I thought of buying it, but  
>it seems to be pretty worthless as it stands now. Thanks

Re-tubing it, at least the front end and IF, and realigning it would  
probably make a big difference. Most of the tube gear I've owned (granted,  
it was all used) lost sensitivity as the frequency went up.

Of course, that may cost as much as (or more than) you'd pay for the unit.

Finding the tubes may be a neat trick - especially new ones. Used ones may or may not improve the thing. (After all, it already -has- used tubes in it.)

I guess it depends on whether you want to buy a fixer-upper, knowing you may never get it "just right." That's what some people (including me) do for a hobby. I never had much use for a radio that worked... just ask my wife. (Grin)

Which brings up a question I've had wandering around this cavern where my brain used to be: I like to design and build stuff, but I've never been much for getting on the air and actually talking. What would the group recommend that I do with working radios that I don't "need" anymore? (I can hear the choruses of "donate it to me!" even now.) Is there anything like "Toys for Tots" for hams?

I guess the thought of donating a chewing-gum-and-bailing-wire special to an interested kid or new licensee seems a little unfair to me - like teaching someone to drive on a John Deere tractor then sending them off to take their road test in a BMW. Whaddaya think?

Dave

-----  
Dave Hinerman - WD8CIV

-----  
Date: Mon, 31 May 1999 15:36:15 -0400  
From: Hank Kohl K8DD <k8dd@arrl.net>  
To: hw.merz@t-online.de  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [41719] Re: PC to PC cable  
Message-ID: <4.1.19990531152839.00aa2a20@192.0.0.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 08:54 PM 5/31/99 +0200, Hanns W. Merz wrote:

>Hi all,

>

>I tried to connect my notebook with the desktop PC via the parallel ports

>(2x EPP, Windows 98: "direct PC to PC connection") using a normal 25 pins

>parallel cable. But it doesn't work at all. I suppose that a special  
>cable

>(special wiring) is necessary.

Yes, you will need a special cable for parallel. What you need is a parallel Interlink Cable. Or a LapLink cable. They are a couple dollars in the US at computer shows and a few more dollars at stores like Best Buy, CompUSA, Computer City, etc.

You can also make Direct Cable Connection work with Windows 95 and 98 with a 25 wire straight through cable and a null modem. It will be slower - about 115Kbps, which is slower than parallel, but if you aren't moving a lot of files, it should be ok.

With a parallel connection, I would not go over 10 ft cable length and with a serial connection, not over 25 ft. Otherwise errors/retries could add up and extend the transfer time.

The other option, if speed is really important, would be to pick up some 10MHz network cards that are Plug-N-Play and use a crossover cable (or coax & terminators if the cards accept coax). That won't give you 10MHz file transfers, but it will be close - a whole lot faster than parallel Direct Cable Connection.

73 Hank K8DD

-----  
Date: Mon, 31 May 1999 15:36:50 -0400  
From: AA3RL <m9bw990@ix.netcom.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [41720] Transmission Line Calculator - DOWNLOAD FREE  
Message-ID: <3752E4D2.2500@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Transmission Line Calculator - DOWNLOAD FREE

I have recently posted to my web site a transmission line calculator in Excel 7.0 format. I initially created the spreadsheet to design matches with Stubs and Series Section Line Transformers. Since then, other utility functions were added that have enabled it to replace the Smith Chart, the pocket calculator, and many computer programs for transmission line design applications. I hope you will find it equally useful. The web page shows screen shots of most functions. The download button is at the bottom of the page. Point you browser at <http://www.qsl.net/aa3rl/> follow the link to Transmission Line Calculator

The program performs the following calculations:

Length Conversion: Wavelength, Degrees, Feet

Series and Parallel Equivalent values

Capacitance and Inductance required for given reactance (X)

Air Wound Coil construction

Reactance and Length of Stubs

Stub Matching - Impedance (Z) over a 180 degree cycle along a lossless transmission line.

Impedance (Z) at any single point on a lossless transmission line (for stub matching)

Series Section Line Transformer (analytic solution) for impedance matching

Why another calculator program?

There are a variety of programs available to the Radio Amateur that will calculate virtually every transmission line parameter that one may need. However, I have found needed routines to be inconveniently scattered among many different programs. In addition, the programs usually require the data to be entered in serial form in order to obtain the calculated output. If another calculation is desired, all the data must be re-entered. As a result, I felt the need to create a spreadsheet style program where all input values are displayed and multiple "what-if" data changes may be implemented quickly with the click of the mouse.

Any question, comments, or constructive criticism is welcomed.

73 de Mike Banz, AA3RL

-----  
Date: Mon, 31 May 1999 12:07:05 -0800  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>  
Subject: [41721] FS: OHR-400 80-20 Mtr Transceiver  
Message-ID: <3752EBE9.1112F44F@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Date: Tue, 23 Feb 1999 02:20:29 PST  
From: "Alan Fryer" <n3bj@xxxxxxx>

OHR-400, very good condition, two small scratches, one on side, one on bottom, front panel fine, works great. Was aligned at factory. With installed factory keyer and TenTec audio amp to drive a speaker. \$220 shipped

This is the ad from when I bought my OHR-400. I find I have too many rigs by far and need to pare them down. I used the OHR-400 last night on the Hoot-Owl Sprint and worked 5 stations (CA, UT, ID) in 20 minutes on 40 meters so the rig does work. This was the first time I have used it since I bought it so I figure it has to go.

Just for fun:

<http://www.qsl.net/al7fs/ohr400/OHR400front.jpg>

<http://www.qsl.net/al7fs/ohr400/OHR400back.jpg>

<http://www.qsl.net/al7fs/ohr400/OHR400top1.jpg>

<http://www.qsl.net/al7fs/ohr400/OHR400topbackangle.jpg> (keyer/amp1)

<http://www.qsl.net/al7fs/ohr400/OHR400keyerspkeramp2.jpg>

<http://www.qsl.net/al7fs/ohr400/OHR400bottomangle.jpg>

I will also sell it for \$220 shipped in the US (FWIW, the invoices add up to \$440.90). I will entertain Canadian or overseas but we would need to talk about shipping and customs issues and costs.

--

73, Jim, AL7FS

<http://www.qsl.net/al7fs/>

<mailto:al7fs@qsl.net>

Anchorage, Alaska

-----  
Date: Mon, 31 May 1999 14:14:01 -0600  
From: "Frank Ivan - K0FEI" <k0fei@ibm.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [41722] Re: GAP C  
Message-ID: <004a01beaba2\$241ca020\$05f057c3@franknote>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: James R. Duffey <jamesd1@flash.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Sunday, May 30, 1999 9:18 AM  
Subject: GAP C

James,

I think there is more to it than just that in the far field, H and E are equal.

According to Poynting (I think that is spelled correctly) radiant energy (the mythical photons if you will) is generated when E and H cross at the proper phase. In addition E and H must be equal. With a conventional antenna, this takes place about  $\lambda / 2 * \pi$  from the antenna. Thus in the far field, E and H will be equal, pretty much by definition. If the antenna generates more E field or more H field, these "excess" so to speak will not be used to generate radiated energy but will simply remain as lossless fields around the elements.

What both the High Efficiency Compact Antenna Assembly (the name given it in the patent and the basis of the Super C from GAP) and the Crossed Field Antenna seek to do is manage the geometry and strength of the E and H fields so they combine much closer to the antenna and convert most of the energy into radiated power. The main difference between the two devices is, the High Efficiency Compact Antenna Assembly generates its H field with a current in a conductor like a conventional antenna, while the CFA generates its H field by using a time varying electric field.

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> the same conclusion.  
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> There are no miracle antennas. Unlike other parts of life, in antennas,  
size  
> matters. And usually the bigger and higher the better-for antennas. - Dr.  
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>

-----  
Date: Mon, 31 May 1999 21:48:12 +0100  
From: "Graham Firth" <Graham.Firth@BTinternet.com>  
To: <hw.merz@t-online.de>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [41723] Re: PC to PC cable  
Message-ID: <00fb01beaba6\$f0cf7080\$02010080@graham>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi

I found a program - well it's a help file actually, that contains the connections for everything to everything - including a "Direct cable connect" or "Parallel laplink" cable. It's called the hardware book. It includes many cable connections you never knew you wanted!

I got it from <http://www.blackdown.org/~hwb/hwb.html> but that doesn't seem to work when I just tried it. There is an on-line version at <http://dimebar.essex.ac.uk/hwb/> which does work and refers to the off-line version. Perhaps it's just a hiccough

It comes as HWbook.HLP which you install anywhere & just double-click it. to run it. It only works with windows (there are versions of it for all versions of windows - I got the one for windows 95. It's freeware but remains the copyright of the author Joakim Ogren.

Usual disclaimer!

Hope this helps

72/3  
Graham  
G3MFJ/W3MFJ

-----  
Date: Mon, 31 May 1999 14:02:21 -0700  
From: gsurrency@juno.com  
To: qrp-l@lehigh.edu  
Subject: [41724] Where is everyone?  
Message-ID: <19990531.140226.-100669.0.gsurrency@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi all,

Well, after spending nearly a week at my mom's place in Englewood, Fl, I'm now in Palm Harbor at the in-laws home for a few days. I didn't get to do much operating from Englewood, because of too may honey-do's for the xyl and my mom. I did get to work some nice pre-WPX contest QSO's, but my fingers got so skinned-up and sore I couldn't use the Bencher paddles and I forgot to bring a keyboard to use with the keyboard controller. So I gave up on the paddles until I got here to borrow a keyboard from my father-in-law.

If anyone in FL wants to get on 7040 later this evening, I'd be pleased to have a QSO with you from the St. Pete / Clearwater area. So far, I've only worked one fellow in Tampa after a lot of CQ's.

I brought the NC20, my TAC-1 for 40m, the SW-30+, and my ZM-2. Hope to hear anyone from the QRP-L on the air.

72,

Gary Surrency AB7MY

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or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Mon, 31 May 1999 15:21:31 -0600  
From: "Frank Ivan - K0FEI" <k0fei@ibm.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [41725] Re: GAP C  
Message-ID: <020301beabab\$8f50d830\$05f057c3@franknote>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: James R. Duffey <jamesd1@flash.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Sunday, May 30, 1999 9:18 AM  
Subject: GAP C

James,

I think there is more to it than just that in the far field, H and E are equal.

According to Poynting (I think that is spelled correctly) radiant energy (the mythical photons if you will) is generated when E and H cross at the proper phase. In addition E and H must be equal. With a conventional antenna, this takes place about  $\lambda / (2 * \pi)$  from the antenna. Thus in the far field, E and H will be equal, pretty much by definition. If the antenna generates more E field or more H field, these "excess" so to speak will not be used to generate radiated energy but will simply remain as

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-----  
Date: Mon, 31 May 1999 17:35:09 -0400  
From: "George Goodroe" <goodroe@worldnet.att.net>  
To: <rerobins@email.uncc.edu>  
Cc: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [41726] RE: MFJ-9406 6M ssb info needed  
Message-ID: <000501beabae\$75a417a0\$5cf8fea9@ggoodroe>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Richard,

Our club gave one away last year at our hamfest and the ham who won it loves  
it. I don't think it is as nice as some of the more expensive rigs but it  
gets the job done.

73 de KF4CPJ  
George Goodroe, QRP-L #1943  
St. Petersburg, Florida USA  
80 Meter high noise capital of the USA <grin>  
<http://home.att.net/~goodroe>  
<http://www.qsl.net/kf4cpj>

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of  
Richard E. Robinson  
Sent: Monday, May 31, 1999 10:48 AM  
To: Low Power Amateur Radio Discussion  
Subject: MFJ-9406 6M ssb info needed

I have an opportunity to obtain an MFJ-9406 6M QRP SSB rig. Does anyone on the list have any experience with one? What about the CW adapter?

Good rig, bad rig, etc. opinions would be appreciated, but please no MFJ flames.

Thanks and 72,

Rick kf4ar

-----  
Date: Mon, 31 May 1999 18:44:25 -0400  
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>  
To: w4du@bellsouth.net  
Cc: qrp-l@lehigh.edu  
Subject: [41727] Re: ADEL Nibbler  
Message-ID: <3.0.1.32.19990531184425.00f2a914@mail49.cwix.com>  
MIME-version: 1.0  
Content-type: text/plain; charset="us-ascii"

At 12:23 PM 5/31/99 -0400, Ken, W4DU wrote:

>Jim,

>I can only find the nibbler mentioned at RS & Tech America (both  
>Tandy). Ive heard not to buy from these sources. Any recommendation?

>Ken

>W4DU

>

Hi Ken.....well your request prompted me to go out looking again

on the web for said ADEL Nibbling Tool. I found two sources, and one of them someone else on the list actually found, but I never followed it up. Here they are:

www.browntool.com/snips  
ADEL Nibbling Tool  
Part # ADEL001 \$17.95  
1-800-587-3883

and

www.jensentools.com  
ADEL Nibbling Tool  
Part # 74-150  
1-800-426-1194

You can also order online with Jensen

Hope that helps. And I will post this to qrp-l as others have asked the same question fairly recently.

72 and happy building.....Jim, K8IQY

-----  
Date: Mon, 31 May 1999 17:53:39 -0500  
From: Frank C Hopkins <k5vai@juno.com>  
To: QRP-L@Lehigh.edu, Glowbugs@Piobarie.mines.uidaho.edu  
Subject: [41728] Offbeat Regen. RXs, Jodi  
Message-ID: <19990531.175343.-193061.0.k5vai@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The average blooper bibliography is not likely to list these regenerative receivers:

Ham Radio regular Courtney Hall, WA5SNZ, did a cost/benefit analysis and penned a rig for the April, 1973 edition that works on a single 1.5 v battery. It cannot be an April fool because a similar supergenny followed later in the year. It probably could have been done with a bunch of 1L4s, but he used sand state stuff in a circuit as classic as the v. tube converter case he built it inside. How does he control regeneration? With a 365 pf broadcast cap, of course. This was Ham Radio and not Popular Electronics.

In Popular Electronics a decade or so before, Novice columnist Herb



Brier, W9EGQ, offered yet another one tube regenerator. That scheme goes back to Frank Jones, W6AJF and the type 19 tube of 1934 (the first IC?), but Herb breaks the dual triode tradition of 6SL7/12AT7 and goes for a dirt common 6U8 TV tuner pentode/triode. The same essay reviews the cheapie Heathkit HX-11 TX (aka DX-20), so we might forgive Herb for a 50K pot to control regeneration. At least he puts it on the screen and not on the plate. He also uses a variable cap in the antenna lead. It might work pretty well, but if not you could just read the next section, which is the classic "Carl and Jerry" series of the "Hardy Boys of Radio."

Those stories ran for years but this one, "Tunnel Stomping" is the episode in which they meet the honeysuckle talking Jodi Preston who was operating QRQ CW in a heating tunnel beneath good old Parvoo College. Jodi became a regular.

I can send copies of either or both of the regen articles for a SASE, but if you want to meet Jodi too, send a buck along with the SASE.

de Frank C. Hopkins, K5VAI  
Box 226841, Dallas, TX 75222  
"Better a Blooper than a store-bought 'super.'"

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You don't need to buy Internet access to use free Internet e-mail.  
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or call Juno at (800) 654-JUNO [654-5866]

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End of QRP-L Digest 1474

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